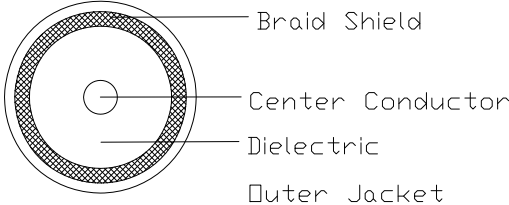



## Product Specification Sheet

**Catalog Number: RG6-CCTV-PL**

Construction Detail	Product Illustration																		
 <p style="margin-left: 20px;">             Braid Shield              Center Conductor              Dielectric              Outer Jacket         </p>																			
Physical Construction	Description																		
<p><b>Component 1:</b>                      Coax                      18 AWG solid bare copper center conductor                      Foam FEP Dielectric: .170-inch nominal diameter                      95% 34 AWG bare copper braid shield</p>	<p>Plenum rated RG6/U Closed Circuit Television (CCTV) coaxial cable for base band video and line level audio applications in accordance with NEC articles 725, 800, and 820.</p>																		
	Color Code																		
	N/A																		
	Electrical Specifications																		
<p><b>Coaxial:</b>                      DCR (Conductor): 6.4 <math>\Omega</math> per 1000 feet                      Capacitance: 16.0 pF per foot                      Voltage: 300 Volts RMS                      Impedance: 75.0 <math>\pm</math> 3 <math>\Omega</math>                      Temperature: -10°C to 60°C                      VOP: 84.0% Nom.                      SRL: 20 dB (1-300MHz)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d3d3d3;"> <th colspan="2">ATTENUATION</th> </tr> <tr> <th>MHz</th> <th>dB/100ft</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">1</td><td style="text-align: center;">.21</td></tr> <tr><td style="text-align: center;">10</td><td style="text-align: center;">.65</td></tr> <tr><td style="text-align: center;">100</td><td style="text-align: center;">2.04</td></tr> <tr><td style="text-align: center;">400</td><td style="text-align: center;">4.46</td></tr> <tr><td style="text-align: center;">700</td><td style="text-align: center;">5.89</td></tr> <tr><td style="text-align: center;">900</td><td style="text-align: center;">7.47</td></tr> <tr><td style="text-align: center;">1000</td><td style="text-align: center;">8.02</td></tr> </tbody> </table>	ATTENUATION		MHz	dB/100ft	1	.21	10	.65	100	2.04	400	4.46	700	5.89	900	7.47	1000	8.02
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<p><b>Final assembly:</b>                      Single coaxial cable                      PL-PVC jacket: .015-inch nominal thickness                      Final construction: .229-inch nominal OD                      Product Print Legend: <b>LWC RG6-CCTV-PL 9700851 18 AWG CMP(ETL) C(ETL) {LOT #} MADE IN USA</b>                      Sequential footmarks are applied in conjunction with the print legend.</p>	Regulatory Specifications																		
	<p>NEC rated CMP                      CEC rated CMP                      (ETL) rated CMP                      C(ETL) rated CMP</p>																		
Specification Control	Product Information																		
<p><b>Revision Date: 04/11/2009</b></p> <p>Liberty Wire &amp; Cable specifications are subject to change without notice. Contact an account representative for current product specifications. Liberty Wire &amp; Cable continuously strives to ensure product specifications are accurate and complete. All physical specifications are nominal.</p>	<p><b>Jacket Colors:</b>                      Natural White, Black</p> <p><b>Packaging:</b> 1000 foot reels</p>																		

Form Revision Date: 04/15/2004